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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/010,729

DATE: 10/01/2002
TIME: 16:56:43

Input Set : A:\1199-1-005CIP2 SEQ LIST.TXT
Output Set: N:\CRF4\10012002\J010729.raw

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4 <110> APPLICANT: Rodriguez, Moses
5 Miller, David J.
6 Pease, Larry R.
8 <120> TITLE OF INVENTION: Human IgM Antibodies and Diagnostic and
9 Therapeutic Uses Thereof Particularly in the Central Nervous
10 System
12 <130> FILE REFERENCE: 1199-1-005CIP2
14 <140> CURRENT APPLICATION NUMBER: 10/010,729
15 <141> CURRENT FILING DATE: 2001-11-13
17 <150> PRIOR APPLICATION NUMBER: 09/730,473
18 <151> PRIOR FILING DATE: 2000-12-05
20 <150> PRIOR APPLICATION NUMBER: 09/580,787
21 <151> PRIOR FILING DATE: 2000-05-30
23 <150> PRIOR APPLICATION NUMBER: 09/322,862
24 <151> PRIOR FILING DATE: 1999-05-28
26 <150> PRIOR APPLICATION NUMBER: 08/779,784
27 <151> PRIOR FILING DATE: 1997-01-07
29 <150> PRIOR APPLICATION NUMBER: 08/692,084
30 <151> PRIOR FILING DATE: 1996-08-08
32 <150> PRIOR APPLICATION NUMBER: 08/236,520
33 <151> PRIOR FILING DATE: 1994-04-29
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46 gttcagctgc agcagtctgg acctgagctg gtgaaggctg gggcttttagt gaagatatcc 120
47 tgcaaggcctt ctggttacac cttcacaacg tacgatataa actgggtgaa gcagaggcct 180
48 ggacagggac ttgagttggat tggatggatt tatactggag atggtagtac taagtacaat 240
49 gagaaattoa agggcaaggc cacactgact gcagacaaat cctccagcac agcctacatg 300
50 cagctcagca gcctgacttc tgagaactct gcagtctatt tctgtgcaag aggggccagg 360
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55 <211> LENGTH: 395
56 <212> TYPE: DNA
57 <213> ORGANISM: Mus musculus
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61 gtgcagctga agcagtctgg acctggccta gtgcagccct cacagagcct gtccatcacc 120
62 tgcacacgtct ctggttctc attaactagc tatggtgtac actgggttcg ccagtctcca 180

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63 ggaaagggtc tggagtggct gggagtgata tggagtggtg gaagcacaga ctataatgca 240
 64 gcttcatat ccagactgag catcagcaag gacgctcca agagccaagt tttcttaaa 300
 65 atgaacacgtc tgcacgtac atatattttt gtgccagaga ctacggtagt aggggggact 360
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 71 <213> ORGANISM: Mus musculus
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 75 gtgaagctgg tggaaatctgg tggaggcctg gtacaggctg ggggttctct gagactctcc 120
 76 tggcaactt ctgggttac cttcagtgtat ttctacatgg agtgggtccg ccagcctcca 180
 77 gggaaagagac tggagtggt tggcaagt agaaaagaaag ctaatgatta taaaacagag 240
 78 tacagtgcattt ctgtgaaggg gcggttccacc gtctccagag acacttccca aagcatcctc 300
 79 tacatttcaga tgaatgcctt gagagatayag gacactgcca ttattactg tgcaagagat 360
 80 gcacggcagc tcgggctccc gtttgcttac tggggccaag ggactctggt cactgtctct 420
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 91 ttgacactgca aggccagtga gaatgtgggtt acttatgtt cctggatca acagaaacca 180
 92 gaggcgtctc ctaaactgctt gatatacggg gcatccaaacc ggtacactgg ggtcccccgt 240
 93 cgcttcacag gcagtggtatc tgcaacagat ttcactctga ccatcagcag tggcaggct 300
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 105 gtcagtcata cttgtcgggc aagtccggac attggtagta gctttaactg gcttcacgc 180
 106 gaaccagatg gaactattaa acgcctgtatc tacgccacat ccagtttgc ttctgggtgt 240
 107 cccaaaaggat tcagtggcag taggtctggg tcagattatt ctctcaccat cagcagcctt 300
 108 gagtctgaag attttgtata ctattactgt ctacaatatg ctatgtctcc gtacacgttc 360
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 118 gacattgtga tgacccagtc tcacaaatttgc atgtccactt cagtaggaga cagggtcacc 120
 119 atcacctgca aggccagtca ggatgtgagt actgtgttag cctggatca acagaaacca 180

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120 ggacaatctc ctaaactact gatttactcg gcacccctacc ggtacactgg agtccctgtat 240
 121 cgcttcactg gcagtggtatc tgggacggat ttcactttca ccatcagcag tgtgcaggct 300
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 126 <211> LENGTH: 119
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 128 <213> ORGANISM: Homo sapiens
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 133 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Ser
 134 20 25 30
 135 Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 136 35 40 45
 137 Ala Val Ile Ser Tyr Asp Gly Ser Arg Lys Tyr Tyr Ala Asp Ser Val
 138 50 55 60
 139 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 140 65 70 75 80
 141 Leu Gln Met Asn Ser Leu Thr Ala Asp Asp Thr Ala Val Tyr Tyr Cys
 142 85 90 95
 143 Ala Lys Gly Val Thr Gly Ser Pro Thr Leu Asp Tyr Trp Gly Gln Gly
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 149 <210> SEQ ID NO: 8
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 156 tcctgtgcag cctctggatt caccttcagt agctatggca tgcactgggt ccgcaggct 120
 157 ccaggcaagg ggctggagtg ggtggcaggat atatcatatg atggaagttaa taaaactat 180
 158 gcagactccg tgaaggcccg attcaccatc tccagagaca attccaagaa cacgctgtat 240
 159 ctgcaaatgaa acagcctgag agctgaggac acggctgtgtt attactgtgc gaaagaggta 300
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 163 <211> LENGTH: 114
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 165 <213> ORGANISM: Homo sapiens
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 169 1 5 10 15
 170 Lys Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn
 171 20 25 30
 172 Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Arg Leu Leu
 173 35 40 45
 174 Ile Tyr Asp Ile Thr Lys Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
 175 50 55 60

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176 Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
 177 65 70 75 80
 178 Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Ser Ser Leu
 179 85 90 95
 180 Ser Ala Val Val Phe Gly Gly Thr Lys Leu Thr Val Leu Gly Gln
 181 100 105 110
 182 Pro Lys
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 187 <211> LENGTH: 337
 188 <212> TYPE: DNA
 189 <213> ORGANISM: Homo sapiens
 191 <400> SEQUENCE: 10
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 193 tcctgtctgt gaagcagctc caacattgg aataattatg tatcctggta ccagcagctc 120
 194 ccaggaacag ccccaaaci ccacattat gacaataata agcgaccctc agggattcct 180
 195 gaccgattct ctggctccaa gtctggcacg tcagccaccc tgggcatcac cggactccag 240
 196 actggggacg aggccgatta ttactgcgga acatggata gcagcctgtg tggtattcgg 300
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 206 1 5 10 15
 207 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
 208 20 25 30
 209 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
 210 35 40 45
 211 Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
 212 50 55 60
 213 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
 214 65 70 75 80
 215 Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
 216 85 90 95
 217 Arg Ser Ala Gln Gln Leu Val Tyr Tyr Phe Asp Tyr Trp Gly Gln
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 219 Gly Thr Leu Val Thr Val Ser Ser Gly
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 231 ccagggaaagg gactggagtg gattgggtat atctattaca gtgggagcac caactacaac 180
 232 ccctccctca agagtcgagt caccatatca gtagacacgt ccaagaacab ccagttctcc 240
 233 ctgaagctga gctctgtac cgctgcggac acggccabcg tgttacttg tgcgaggtcg 300

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 245 Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu Tyr Ser
 246 20 25 30
 247 Ser Asn Asn Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln
 248 35 40 45
 249 Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
 250 50 55 60
 251 Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr
 252 65 70 75 80
 253 Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln Gln
 254 85 90 95
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 269 tggtaccagg agaaaccagg acagcctctt aagctgctca ttactgggc atctaccgg 180
 270 gaatccgggg tccctgaccg attcagtgcc agcgggtctg ggacagattt cactctcacc 240
 271 atcagcagcc tgcaggctga agatgtggca gtttattact gtcagcaata ttatagtaact 300
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 283 20 25 30
 284 Gly Lys Gly Leu Glu Trp Val Ala Val Ile Trp Tyr Asp Gly Ser Asp
 285 35 40 45
 286 Lys Tyr Tyr Val Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp
 287 50 55 60
 288 Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
 289 65 70 75 80

VERIFICATION SUMMARY

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Input Set : A:\1199-1-005CIP2 SEQ LIST.TXT

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